

FIRST TERM EXAMINATION

APRIL/MAY 2018

CLASS XII

Marking Scheme – SUBJECT[COMPUTER SCIENCE][THEORY]

Q.NO.	Answers	Marks (with split up)
1. a)	#include <iostream.h>,#include <math.h>	1
b)	Explanation – 1 mark,difference – 1 mark	2
c)	(each correction - ½ mark)	2
d)	½ mark for each character	2
e)	i- 1 mark ii- 1mark	2
f)	½ mark for each output	2
g)	½ mark for each output	3
i)	Function header – 1 mark, logic – 2 marks	3
j)	Function header – ½ mark, logic – 1 ½ marks, output – 1 mark.	3
2.a)	Definition – 1 mark, example – 1 mark	2
b)	a) Definition – 1 mark, how implemented – 1 mark b) Definition – 1 mark	3
3. a)	Output - 1 ½ mark Feature – ½ mark	2
b)	Function 1 definition – 1 mark Function 2 definition – 2 marks	3
4. a)	2 differences – 1 mark each	2
b)	Structure – 1 mark	2
c)	1 mark for each line of output	3
d)	a) Explanation – 1 mark. Example – 1 mark b) Difference – 1 mark	3
e)	Class definition – private members – 1 mark FixLocation() - 1 mark – Enter() - 1 mark – SeeAll() – 1 mark	4
f)	Class definition – private members – 1 mark Assignrem() - 1 mark ENTER() - 1 mark DISPLAY() – 1 mark	4
5.a)	Correct reasoning – 2 marks	2

b)		2
c)	i) Destructor. When object goes out of scope 1 mark ii) polymorphism - 1 mark iii) function 1 : Seminar S1; function 2 : Seminar S2(400); $\frac{1}{2}$ mark each	3
6. a)	Differentiate between Multiple and Multi level inheritance.	2
b)	1 mark each($4 \times 1 = 4$ marks)	4
c)	1 mark each($4 \times 1 = 4$ marks)	4
7.a)	For writing to file	1
b)	Iostream is a class used for reading from file	1
c)	Close()	1
d)	Using constructor Using open() member function (1 mark each)	2
	End of the Question Paper	